

PRODUCT DESCRIPTION - PD 240215-1.0EN

Material no. 624701

GRINDSTED® Cellulose gum BAK 550

Description

GRINDSTED® Cellulose gum BAK 550 is a highly purified sodium carboxymethylcellulose. GRINDSTED® Cellulose gum BAK 550 is a white to off-white, odourless powder, soluble in water. It has been specifically designed for bakery application, and gives its best results in rye and whole meal based products, rolls, baguettes and cakes.

Potential benefits

- Improve dough handling
- Improve proofing stability
- Increase shelflife
- Improve freezing properties
- Stabilize fruit and chocolate pieces

Usage levels

The following general guidelines can be given for bakery application: 0.2-0.8% (based on the flour weight)

Directions for use

Specific formulations and processing recommendations may be obtained on request.

Composition

- Sodium Carboxymethylcellulose (purity: 99.5% min.) - E466

Physical/chemical specifications

(Methods of analysis available on request)

Loss on drying	max. 6.0 %
pH	6.0-7.5
Degree of substitution	0.65-0.90
Viscosity (Brookfield, 1%)	3500-8000 mPa.s
Assay	min. 99.5 %

Microbiological specifications

Total plate count	max. 1,000 /g
Yeast and mould	max. 100 /g
Coliforms	absent in 1 g
Salmonella	absent in 25 g

Heavy metal specifications

Arsenic (as As)	max. 2 mg/kg
Lead (Pb)	max. 2 mg/kg
Heavy metals (as Pb)	max. 15 mg/kg

Nutritional data

(Approximate values for nutrition labelling per 100 g)

Energy (kcal)	170
Energy (kJ)	680
Protein	0 g
Carbohydrate	0 g
- of which sugars	0 g
Fat	0 g
- of which saturates	0 g
Fibre	85 g
Sodium	<10 g

Storage

Store cool and dry. Temperature Max. 40°C/104°F, with a Relative Humidity < 80%.

Shelf life is 24 months from the date of production.

Packaging

Heavy-duty, poly-lined bags of 25 kg (55.1 lbs.)

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Purity and legal status

GRINDSTED® Cellulose gum BAK 550 meets the specifications laid down by the FAO/WHO, the EU regulation on food additives, and the US Food Chemical Codex.

Local regulations should always be consulted concerning the status of this product, as legislation regarding its use may vary from country to country. Advice regarding the legal status of this product may be obtained on request.

Safety and handling

A Material Safety Data Sheet (MSDS) is available on request.

Country of origin

China

Kosher status

A Kosher Certificate is available on request.

Halal status

A Halal Certificate is available on request.

Allergens

Below table indicates the presence (as added component) of the following allergens and products thereof:

Yes	No	Allergens	Description of components
	X	Cereals containing gluten	
	X	Crustaceans	
	X	Eggs	
	X	Fish	
	X	Peanuts	
	X	Soybeans	
	X	Milk (including lactose)	
	X	Nuts	
	X	Celery	
	X	Mustard	
	X	Sesame seeds	
	X	Sulphur dioxide and sulphites (> 10 mg/kg)	
	X	Lupin	
	X	Molluscs	